

**ABSTRACT OF THE DISCLOSURE**

A color cathode ray tube comprising a panel, said panel including an outer surface which is substantially flat and an inner surface on which a screen composed of red, green and blue phosphors is formed, wherein a screen transmittance of the panel increases and then decreases along a line from a center portion to a peripheral portion of the panel, thus to improve brightness uniformity of a center portion, a peripheral portion and a doming portion of the panel.